

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hiroyuki Kawae et al. Docket No.: 01-764

Serial No.: Examiner :

Filed : Art Unit :

For : A LIGHT PERMEABLE FLUORESCENT COVER FOR LIGHT  
EMITTING DIODE

Suite 1201  
900 Chapel Street  
New Haven, CT 06510-2802

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents & Trademarks  
United States Patent & Trademark Office  
Washington, D.C. 20231

Dear Sir:

In the above-identified application for United States patent,  
please amend as follows.

IN THE CLAIMS

Please amend the claims as follows.

6. (Amended) A light permeable fluorescent cover according to claim 4, wherein said fluorescent material is shown by at least one selected from chemical formulae of:  $\text{LaAl}_{11}\text{O}_{18}:\text{Mn}^{2+}$ ,  $\text{La}_2\text{O}_3\text{Al}_1\text{Al}_2\text{O}_3:\text{Mn}^{2+}$ ,  $\text{La}_{1-x}\text{Al}_{11(2/9)+x}\text{O}_{19}:\text{Mn}^{2+}$  ( $0.1 \leq x \leq 0.99$ ),  $(\text{La}, \text{Ce})\text{Al}_{11}\text{O}_{19}:\text{Mn}^{2+}$ , and  $(\text{La}, \text{Ce})\text{MgAl}_{11}\text{O}_{19}:\text{Mn}^{2+}$ .

7. (Amended) A light permeable fluorescent cover according to claim 4, wherein said first peak is from 420 nm to 480 nm; said second peak is from 490 nm to 550 nm; and said third peak is from 660 nm to 720 nm.

REMARKS

Amendments have been made to the claims to remove the multiple dependencies in order to conform with U.S. practice. An early action on the merits is respectfully requested.

If any fees are required in connection with this case, it is respectfully requested that they be charged to Deposit Account No. 02-0184.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on December 21, 2001  
Rachel Piscitelli  
Rachel Piscitelli  
Name and Reg. No. of Attorney  
Signature  
December 21, 2001  
Date of Signature

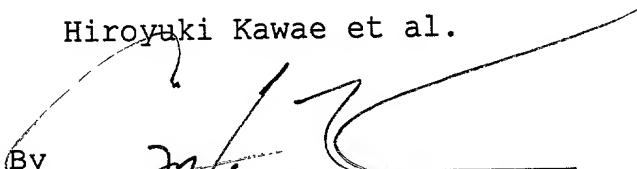
Date: December 21, 2001

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Respectfully submitted,

Hiroyuki Kawae et al.

By

  
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Version with markings to show changes made to claims

6. (Amended) A light permeable fluorescent cover according to claim 4 [or 5], wherein said fluorescent material is shown by at least one selected from chemical formulae of:  $\text{LaAl}_{11}\text{O}_{18}:\text{Mn}^{2+}$ ,  $\text{La}_2\text{O}_3\text{Al}_{11}\text{Al}_2\text{O}_3:\text{Mn}^{2+}$ ,  $\text{La}_{1-x}\text{Al}_{11(2/9)+x}\text{O}_{19}:\text{Mn}^{2+}$  ( $0.1 \leq x \leq 0.99$ ),  $(\text{La}, \text{Ce})\text{Al}_{11}\text{O}_{19}:\text{Mn}^{2+}$ , and  $(\text{La}, \text{Ce})\text{MgAl}_{11}\text{O}_{19}:\text{Mn}^{2+}$ .

7. (Amended) A light permeable fluorescent cover according to [any one of claims 4 to 6] claim 4, wherein said first peak is from 420 nm to 480 nm; said second peak is from 490 nm to 550 nm; and said third peak is from 660 nm to 720 nm.

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